

Title (en)

VARIABLE STATOR BLADE MECHANISM FOR TURBOCHARGERS

Title (de)

VERSTELLBARER LEITSCHAUFELMECHANISMUS FÜR TURBOLADER

Title (fr)

MÉCANISME À AUBES DE STATOR À CALAGE VARIABLE POUR TURBOCOMPRESSEURS

Publication

EP 2035673 A4 20090701 (EN)

Application

EP 06744842 A 20060619

Priority

IB 2006001735 W 20060619

Abstract (en)

[origin: WO2007148145A1] A turbocharger with variable turbine geometry comprising of a turbine housing having an exhaust gas inlet and an outlet, a volute connected to the inlet, and a nozzle wall adjacent the volute, carrying a turbine wheel and is attached to a shaft with a plurality of improved aerodynamic profiled stator blades that are disposed within the turbine housing between the exhaust gas inlet and turbine wheel.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [Y] GB 2398607 A 20040825 - KOMATSU MFG CO LTD [JP]
- [Y] EP 1158141 A2 20011128 - MITSUBISHI HEAVY IND LTD [JP]
- [Y] WO 2004022926 A1 20040318 - HONEYWELL INT INC [US], et al
- [Y] EP 0226444 A2 19870624 - GARRETT CORP [US]
- See references of WO 2007148145A1

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DOCDB simple family (publication)

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